

ABSTRACT OF THE DISCLOSURE

A counter-stream-mode oscillating-flow heat transport apparatus improves heat transport capability by imparting oscillatory displacement to a fluid located near a heat-generating element such that the fluid is directed toward the heat-generating element. Turning portions of serpentine flow paths are disposed to face the heat-generating element. The flow paths are stacked in multiple layers in the direction from the heat-generating element to the flow paths, and a plurality of flow paths are disposed adjacent to the heat-generating element in the direction of fluid oscillation.